

FORM PTO-1390 (Modified)
(REV. 07-2004)

U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

ATTORNEY'S POCKET NUMBER

2002JP309

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

NOT ASSIGNED 104518105

INTERNATIONAL APPLICATION NO.

PCT/JP03/07354

INTERNATIONAL FILING DATE

June 10, 2003

PRIORITY DATE CLAIMED

June 21, 2002

TITLE OF INVENTION

PROCESS FOR PREVENTING DEVELOPMENT DEFECT AND COMPOSITION
FOR USE IN THE SAME

APPLICANT(S) FOR DO/EO/US

Yasushi AKIYAMA, Yusuke TAKANO, Kiyohisa TAKAHASHI, Sung-Eun HONG, Tetsuo OKAYASU

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 540353265 US
23. ☒ Other items or information:

Form PCT/IB/301

WO 2004/001510 A1

Form PCT/IB/304

Form PCT/IB/308

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Yasushi AKIYAMA et al.

Docket No.

2002JP309

Application No.
NOT ASSIGNEDFiling Date
December 10, 2004Examiner
NOT ASSIGNEDCustomer No.
26,289Group Art Unit
NOT ASSIGNEDInvention: **PROCESS FOR PREVENTING DEVELOPMENT DEFECT AND COMPOSITION
FOR USE IN THE SAME**

I hereby certify that the following correspondence:

WO 2004/001510 A1 - 1 Page

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 10, 2004*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV 540353265 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

10/518105

DT12 Rec'd PCT/PTO 10 DEC 2004

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I hereby certify that the following correspondence:

**Notice Informing The Applicant Of The Communication Of the International Application
To The Designated Offices (Form PCT/ISA/308) - 1 Page***(Identify type of correspondence)*

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Notification Concerning Submission Or Transmittal Of Priority Document (Form PCT/ISA/304) - 1 Page

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Application No. NOT ASSIGNED	Filing Date December 10, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
Invention: PROCESS FOR PREVENTING DEVELOPMENT DEFECT AND COMPOSITION FOR USE IN THE SAME				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Notification Of Receipt Of Record Copy (Form PCT/ISA/301) - 2 Pages</p> </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="text-align: center; margin: 10px 0;"> <u>December 10, 2004</u> <i>(Date)</i> </div> <div style="text-align: center; margin: 10px 0;"> <u>MARIA T. SANCHEZ</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i> </div> <div style="text-align: center; margin: 10px 0;">  <i>(Signature of Person Mailing Correspondence)</i> </div> <div style="text-align: center; margin: 10px 0;"> <u>EV 540353265 US</u> <i>("Express Mail" Mailing Label Number)</i> </div>				
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International Search Report (Form PCT/ISA/210) - 2 Pages*(Identify type of correspondence)*

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I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;">Declaration For Utility Or Design Patent Application - 3 Pages</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>December 10, 2004</u> <i>(Date)</i></p> <div style="text-align: right; margin-right: 100px;"><p><u>MARIA T. SANCHEZ</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EV 540353265 US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>				
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I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> Patent Application - 27 Pages </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="margin-left: 100px;"> <u>December 10, 2004</u> <i>(Date)</i> </div> <div style="margin-left: 350px; margin-top: 20px;"> <u>MARIA T. SANCHEZ</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i> <div style="text-align: center;">  <i>(Signature of Person Mailing Correspondence)</i> </div> <div style="margin-top: 10px;"> <u>EV 540353265 US</u> <i>("Express Mail" Mailing Label Number)</i> </div> </div>				
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